Index of Authors

Aalbæk, B. *see* Gudmundsdottir, K.B.
Abdulmawjood, A. *see* Hoorfar, J.
Abeln, E.C.A. *see* Denizci, A.A.
Acrani, G.O. *see* Falcão, J.P.
Adams, M.R. *see* Komitopoulou, E.
Aertsen, A. *see* Van Houdt, R.
Ahrens, P. *see* Andresen, L.O.
Al-Bakri, A.G., Gilbert, P. & Allison, D.G. Immigration and emigration of *Burkholderia cepacia* and *Pseudomonas aeruginosa* between and within mixed biofilm communities, 455
Allison, D.G. *see* Al-Bakri, A.G.
see also O'May, G.A.
Al-Mahdi, A.Y. *see* Baserisalehi, M.
de Almeida, A.M.P. *see* Leal, N.C.
Alvarez, M.E. *see* Temporini, E.D.
Andersen, J.S. *see* Gradel, K.O.
Andresen, L.O. & Ahrens, P. A multiplex PCR for detection of genes encoding exfoliative toxins from *Staphylococcus hyicus*, 1265
Antal, Z. *see* Kredics, L.
Appel, K.F. *see* Huber, I.
Ardizzoni, A. *see* Bacarese-Hamilton, T.
Ardö, Y. *see* Thage, B.V.
Arshad, M. *see* Khalid, A.
Arunrattiyakorn, P. *see* Thanomsub, B.
Ascencio, F. *see* Vàzquez-Juárez, R.C.
Atagana, H.I. Bioremediation of creosote-contaminated soil in South Africa by landfarming, 510
Atherton, C.J. *see* Dawson, D.J.
Augustine, S.K. *see* Baserisalehi, M.
Avendaño-Herrera, R., Rodríguez, J., Magariños, B., Romalde, J.L. & Toranzo, A.E. Intraspecific diversity of the marine fish pathogen *Tenacibaculum maritimum* as determined by randomly amplified polymorphic DNA-PCR, 871
Axelsson, L. *see* Mathiesen, G.

Bacarese-Hamilton, T., Mezzasoma, L., Ardizzoni, A., Bistoni, F. & Crisanti, A. Serodiagnosis of infectious diseases with antigen microarrays, 10
Bahador, N. *see* Baserisalehi, M.
Baillon, M.-L.A. *see* Tzortzis, G.
Bainton, N.J. *see* Komitopoulou, E.
Barardi, C.R.M. *see* Smith, J.J.
Barkholt, V. *see* Thage, B.V.
Bartelt, E. *see* Beckmann, L.
Baserisalehi, M., Bahador, N., Augustine, S.K., Al-Mahdi, A.Y. & Kapadnis, B.P. Enhanced recovery and isolation of *Campylobacter* spp. from water using a novel device, 664
Ba-Thein, W. *see* Futagawa-Saito, K.
Béchet, M. *see* Leclère, V.
Beck, H.C., Hansen, A.M. & Lauritsen, F.R. Catabolism of leucine to branched-chain fatty acids in *Staphylococcus xylosus*, 1185
Beckmann, L., Müller, M., Luber, P., Schrader, C., Bartelt, E. & Klein, G. Analysis of *gyrA* mutations in quinolone-resistant and -susceptible *Campylobacter jejuni* isolates from retail poultry and human clinical isolates by non-radioactive single-strand conformation polymorphism analysis and DNA sequencing, 1040
Beneduce, L. *see* Spano, G.
Bernstein, P.S. *see* Bhosale, P.
Bertrand, A. *see* Pripis-Nicolau, L.
Bhosale, P., Larson, A.J. & Bernstein, P.S. Factorial analysis of tricarboxylic acid cycle intermediates for optimization of zeaxanthin production from *Flavobacterium multivorum*, 623
Bilir, E. *see* Çalik, P.
Binetti, A. *see* Quiberoni, A.
Birkbeck, T.H. *see* Esteve, C.
Bistoni, F. *see* Bacarese-Hamilton, T.
Bjergbæk, L.A. *see* Roslev, P.
Blaiotta, G. *see* Ercolini, D.
Blair, I.S. *see* O'Hanlon, K.A.
see also Prendergast, D.M.
Blanch, A.R. *see* Vilanova, X.
Blondeau, R. *see* Leclère, V.
Borck, B. *see* Siemer, B.L.
Borriello, P. Preface, 9
Bowman, J.P. *see* Mancuso Nichols, C.A.
Brenner, V., Rucká, L., Totevová, S., Tømeraas, K. & Demnerová, K. Efficiency of chlorocatechol metabolism in natural and constructed chlorobenzoate and chlorobiphenyl degraders, 430
Brigidi, P. *see* Massi, M.
Brocchi, M. *see* Falcão, J.P.
Broman, T., Waldenström, J., Dahlgren, D., Carlsson, I., Eliasson, I. & Olsen, B. Diversities and similarities in PFGE profiles of *Campylobacter jejuni* isolated from migrating birds and humans, 834
Bron, S. *see* Tjalsma, H.
van Broock, M. *see* Rodríguez, M.E.
Brooks, J.D. *see* Parkar, S.G.
Buonavoglia, C. *see* Corrente, M.
Burgess, F. *see* Elson, R.
Burt, J.P.H. *see* Dalton, C.
Burton, M. *see* Butterworth, L.A.
Busby, S.J.W. *see* Senthilkumar, V.

Butt, T.M. *see* Wang, C.
Butterworth, L.A., Perry, J.D., Davies, G., Burton, M., Reed, R.H. & Gould, F.K. Evaluation of novel *β*-ribosidase substrates for the differentiation of Gram-negative bacteria, 170
Buzzini, P., Turchetti, B. & Martini, A. Assessment of discriminatory power of three different fingerprinting methods based on killer toxin sensitivity for the differentiation of *Saccharomyces cerevisiae* strains, 1194
Byrne, C. *see* Davies, R.H.

Caballero, A.C. *see* Rodríguez, M.E.
Cabrera-Martinez, R.-M. *see* Setlow, B.
Çalik, G. *see* Çalik, P.
Çalik, P., Bilir, E., Özçelik, İ.Ş., Çalik, G. & Özdamar, T.H. Inorganic compounds have dual effect on recombinant protein production: influence of anions and cations on serine alkaline protease production, 194
Campbell, C.J. & Ghazal, P. Molecular signatures for diagnosis of infection: application of microarray technology, 18
Campolo, M. *see* Corrente, M.
Capece, A. *see* Sipiczki, M.
Carareto Alves, L.M. *see* Ciapina, L.P.
Carlsson, I. *see* Broman, T.
Carr, E. *see* Winder, C.L.
Casimiro, S., Moura, M., Zé-Zé, L., Tenreiro, R. & Monteiro, A.A. Internal transcribed spacer 2 amplicon as a molecular marker for identification of *Peronospora parasitica* (crucifer downy mildew), 579
Catarame, T.M.G. *see* O'Hanlon, K.A.
Cerdà-Cuéllar, M. *see* Vilanova, X.
Chadfield, M.S. & Hinton, M.H. *In vitro* activity of nitrofuran derivatives on growth and morphology of *Salmonella enterica* serotype Enteritidis, 1002
Chart, H., Perry, N.T. & Jenkins, C. The expression of an R3 lipopolysaccharide-core by pathotypes of *Escherichia coli*, 982
Chen, D.X. *see* Xiao, J.H.
Cheun, H.I., Kawamoto, K., Hiramatsu, M., Tamaoki, H., Shirahata, T., Igimi, S. & Makino, S.-I. Protective immunity of SpaA-antigen producing *Lactococcus lactis* against *Erysipelothrix rhusiopathiae* infection, 1347
Chieppa, G. *see* Spano, G.
Choi, J.W. *see* Hwang, H.J.
Chotelersak, K. *see* Thanomsub, B.
Christiansen, J.N. *see* Nilsson, L.
Christoffersen, A.B. *see* Nielsen, S.S.
Chumchalová, J., Stiles, J., Josephsen, J. & Plocková, M. Characterization and purification of acidocin CH5, a bacteriocin produced by *Lactobacillus acidophilus* CH5, 1082
Ciapina, L.P., Carareto Alves, L.M. & Lemos, E.G.M. A nested-PCR assay for detection of *Xylella fastidiosa* in citrus plants and sharpshooter leafhoppers, 546
Coelho, F.S. *see* Travassos, L.H.
Coloma, M.D. *see* Linaje, R.
Connil, N. *see* Lebois, M.
Cook, A.M. *see* Dong, W.
Cook, N. *see* Hoorfar, J.
Coppola, S. *see* Ercolini, D.
Corcoran, B.M., Ross, R.P., Fitzgerald, G.F. & Stanton, C. Comparative survival of probiotic lactobacilli spray-dried in the presence of prebiotic substances, 1024
Corrêa, E.F. *see* Falcão, J.P.
Corrente, M., Madio, A., Friedrich, K.G., Greco, G., Desario, C., Tagliabue, S., D'Incau, M., Campolo, M. & Buonavoglia, C. Isolation of *Salmonella* strains from reptile faeces and comparison of different culture media, 709
Corry, J.E.L. *see* Gradel, K.O.
Corsetti, A., Settanni, L. & Van Sinderen, D. Characterization of bacteriocin-like inhibitory substances (BLIS) from sourdough lactic acid bacteria and evaluation of their *in vitro* and *in situ* activity, 521
Cortezzo, D.E., Setlow, B. & Setlow, P. Analysis of the action of compounds that inhibit the germination of spores of *Bacillus* species, 725
Craig, D.L., Fallowfield, H.J. & Cromar, N.J. Use of microcosms to determine persistence of *Escherichia coli* in recreational coastal water and sediment and validation with *in situ* measurements, 922
Crisanti, A. *see* Bacarese-Hamilton, T.
Crognale, S. *see* Selbmann, L.
Cromar, N.J. *see* Craig, D.L.

Daffonchio, D. *see* Mora, D.
Dahlgren, D. *see* Broman, T.
Dalgaard, P. *see* Giménez, B.
see also Lakshmanan, R.
Dalton, C., Goater, A.D., Burt, J.P.H. & Smith, H.V. Analysis of parasites by electrorotation, 24
Daly, D.J. *see* Prendergast, D.M.
Dalziel, R. *see* Davies, R.H.
Daskin, R. *see* Tjalsma, H.
Davies, G. *see* Butterworth, L.A.
Davies, M.M. *see* Sanderson, W.T.

Davies, R.H., Dalziel, R., Gibbens, J.C., Wilesmith, J.W., Ryan, J.M.B., Evans, S.J., Byrne, C., Paiba, G.A., Pascoe, S.J.S. & Teale, C.J. National survey for *Salmonella* in pigs, cattle and sheep at slaughter in Great Britain (1999–2000), 750
Dawson, D.J., Samuel, C.M., Scrannage, V. & Atherton, C.J. Survival of *Cryptosporidium* species in environments relevant to foods and beverages, 1222
De Boer, S.H. *see* Duarte, V.
De Clerck, E., Gevers, D., De Ridder, K. & De Vos, P. Screening of bacterial contamination during gelatine production by means of denaturing gradient gel electrophoresis, focussed on *Bacillus* and related endospore-forming genera, 1333
De Medici, D. *see* Hoorfar, J.
De Ridder, K. *see* De Clerck, E.
De Vos, P. *see* De Clerck, E.
Deisingh, A.K. & Thompson, M. Strategies for the detection of *Escherichia coli* O157:H7 in foods, 419
Delehanty, J.B. *see* Sapsford, K.E.
Delitheos, A. *see* Vovou, I.
Demnerová, K. *see* Brenner, V.
Denger, K. *see* Dong, W.
Denizci, A.A., Kazan, D., Abeln, E.C.A. & Erarslan, A. Newly isolated *Bacillus clausii* GMBAE 42: an alkaline protease producer capable to grow under higly alkaline conditions, 320
Dennis, P.J. *see* Eccles, J.P.
Denyer, S.P. *see* Lambert, R.J.W.
Desario, C. *see* Corrente, M.
Destain, J. *see* Fickers, P.
Diez-Gonzalez, F. & Karaibrahimoglu, Y. Comparison of the glutamate-, arginine- and lysine-dependent acid resistance systems in *Escherichia coli* O157:H7, 1237
Dijksterhuis, J. & Teunissen, P.G.M. Dormant ascospores of *Talaromyces macrosporus* are activated to germinate after treatment with ultra high pressure, 162
D'Incau, M. *see* Corrente, M.
Domingo, J.W.S. *see* Williams, M.M.
Dong, W., Eichhorn, P., Radajewski, S., Schleheck, D., Denger, K., Knepper, T.P., Murrell, J.C. & Cook, A.M. *Parvibaculum lavamentivorans* converts linear alkylbenzenesulphonate surfactant to sulphophenylcarboxylates, α,β-unsaturated sulphophenylcarboxylates and sulphophenyldicarboxylates, which are degraded in communities, 630
Dousset, X. *see* Lebois, M.
Duan, X.Y., Liu, S.Y., Zhang, W.C., Zhang, Q.X. & Gao, P.J. Volumetric productivity improvement for endoglucanase of *Trichoderma pseudokoingii* S-38, 772
Duarte, V., De Boer, S.H., Ward, L.J. & de Oliveira, A.M.R. Characterization of atypical *Erwinia carotovora* strains causing blackleg of potato in Brazil, 535
Duchaine, C. *see* Laflamme, C.
Duffy, G. *see* O'Hanlon, K.A.
Dumont, F. *see* Dupont, J.
Dupont, J., Dumont, F., Menanteau, C. & Pommepuy, M. Calibration of the impedance method for rapid quantitative estimation of *Escherichia coli* in live marine bivalve molluscs, 894

Eccles, J.P., Searle, R., Holt, D. & Dennis, P.J. A comparison of methods used to enumerate *Escherichia coli* in conventionally treated sewage sludge, 375
Echt, A.S. *see* Sanderson, W.T.
Eichhorn, P. *see* Dong, W.
Eijsink, V.G.H. *see* Mathiesen, G.
El-Azizi, M.A., Starks, S.E. & Khardori, N. Interactions of *Candida albicans* with other *Candida* spp. and bacteria in the biofilms, 1067
Eliasson, I. *see* Broman, T.
Elson, R., Burgess, F., Little, C.L. & Mitchell, R.T. on behalf of the Local Authorities Co-ordinates of Regulatory Services, the Health Protection Agency. Microbiological examination of ready-to-eat cold sliced meats and pâté from catering and retail premises in the UK, 499
El-Tarabily, K.A. Suppression of *Rhizoctonia solani* diseases of sugar beet by antagonistic and plant growth-promoting yeasts, 69
Engberg, J. *see* Siemer, B.L.
Erarslan, A. *see* Denizci, A.A.
Ercolini, D., Blaiotta, G., Fusco, V. & Coppola, S. PCR-based detection of enterotoxigenic *Staphylococcus aureus* in the early stages of raw milk cheese making, 1090
Ercolini, D., Mauriello, G., Blaiotta, G., Moschetti, G. & Coppola, S. PCR–DGGE fingerprints of microbial succession during a manufacture of traditional water buffalo mozzarella cheese, 263
Ersbøll, A.K. *see* Nielsen, L.R.
Esteve, C. & Birkbeck, T.H. Secretion of haemolysins and proteases by *Aeromonas hydrophila* EO63: separation and characterization of the serine protease (caseinase) and the metalloprotease (elastase), 994
Etcheverry, M. *see* Nesci, A.
Evans, S.J. *see* Davies, R.H.

Fach, P. *see* Hoorfar, J.
Falcão, D.P. *see* Falcão, J.P.
Falcão, J.P., Brocchi, M., Proença-Módena, J.L., Acrani, G.O., Corrêa, E.F. & Falcão, D.P. Virulence characteristics and epidemiology of *Yersinia enterocolitica* and Yersiniae other than *Y. pseudotuberculosis* and *Y. pestis* isolated from water and sewage, 1230
Fallowfield, H.J. *see* Craig, D.L.
Fan, M. *see* Wang, C.
Fang, N. *see* Xiao, J.H.
Fariña, J.I., Molina, O.E. & Figueroa, L.I.C. Formation and regeneration of protoplasts in *Sclerotium rolfsii* ATCC 201126, 254
Federici, F. *see* Massi, M.
Ferrari, E. *see* Tjalsma, H.
Fickers, P., Nicaud, J.M., Gaillardin, C., Destain, J. & Thonart, P. Carbon and nitrogen sources modulate lipase production in the yeast *Yarrowia lipolytica*, 742
Figueroa, L.I.C. *see* Fariña, J.I.
Fitzgerald, G.F. *see* Corcoran, B.M.
Flint, S.H. *see* Parkar, S.G.
Folco, H.D. *see* Temporini, E.D.
Fornasari, M.E. *see* Gatti, M.
Friedrich, K.G. *see* Corrente, M.
From, C. *see* Østensvik, Ø.
Frøseth, R.B. *see* Johannessen, G.S.
Fujita, K. *see* Kubo, I.
Fukuyasu, T. *see* Futagawa-Saito, K.
Furr, J.R. *see* Turner, N.A.
Fusco, V. *see* Ercolini, D.
Futagawa-Saito, K., Suzuki, M., Ohsawa, M., Ohshima, S., Sakurai, N., Ba-Thein, W. & Fukuyasu, T. Identification and prevalence of an enterotoxin-related gene, *se-int*, in *Staphylococcus intermedius* isolates from dogs and pigeons, 1361

Gac, S. *see* Martínez, C.
Gaillardin, C. *see* Fickers, P.
Ganga, M. *see* Martínez, C.
Ganga, M.A. & Martínez, C. Effect of wine yeast monoculture practice on the biodiversity of non-*Saccharomyces* yeasts, 76
Gao, P.J. *see* Duan, X.Y.
García-López, I., Otero, A., García-López, M.-L. & Santos, J.A. Molecular and phenotypic characterization of nonmotile Gram-negative bacteria associated with spoilage of freshwater fish, 878
García-López, M.-L. *see* García-López, I.
Garon, S. *see* Mancuso Nichols, C.A.
Gatti, M., Fornasari, M.E., Lazzi, C., Mucchetti, G. & Neviani, E. Peptidase activity in various species of dairy thermophilic lactobacilli, 223
Gevers, D. *see* De Clerck, E.
Ghazal, P. *see* Campbell, C.J.
Ghosh, M., Verma, S.C., Mengoni, A. & Tripathi, A.K. Enrichment and identification of bacteria capable of reducing chemical oxygen demand of anaerobically treated molasses spent wash, 1278
Gibbens, J.C. *see* Davies, R.H.
Gibson, G.R. *see* Tzortzis, G.
Gilbert, P. *see* Al-Bakri, A.G.
see also O'May, G.A.
see also Rickard, A.H.
Giménez, B. & Dalgaard, P. Modelling and predicting the simultaneous growth of *Listeria monocytogenes* and spoilage micro-organisms in cold-smoked salmon, 96
Giraffa, G. *see* Lazzi, C.
Goater, A.D. *see* Dalton, C.
Godfree, A. Editorial, 1
Golden, J.P. *see* Sapsford, K.E.
González, Á., Hierro, N., Poblet, M., Rozès, N., Mas, A. & Guillamón, J.M. Application of molecular methods for the differentiation of acetic acid bacteria in a red wine fermentation, 853
Goodacre, R. *see* Winder, C.L.
Gould, F.K. *see* Butterworth, L.A.
Gradel, K.O., Jørgensen, J.Chr., Andersen, J.S. & Corry, J.E.L. Monitoring the efficacy of steam and formaldehyde treatment of naturally *Salmonella*-infected layer houses, 613
Gram, L. *see* Huber, I.
see also Nilsson, L.
Granum, P.E. *see* Østensvik, Ø.
Greco, G. *see* Corrente, M.
Grótinum, D. *see* Nilsson, L.
Guadalupe Cabral, M., Sá-Correia, I. & Viegas, C.A. Adaptative responses in yeast to the herbicide 2-methyl-4-chlorophenoxyacetic acid at the level of intracellular pH homeostasis, 603
Gudmundsdottir, K.B., Aalbæk, B., Sigurdarson, S. & Gunnarsson, E. The diversity of *Listeria monocytogenes* strains from 10 Icelandic sheep farms, 913
Guézennec, J. *see* Mancuso Nichols, C.A.
Guglielmotti, D. *see* Quiberoni, A.
Guillamón, J.M. *see* González, Á.
Guiro, A. *see* Touré, Y.
Gunasekaran, P. *see* Senthilkumar, V.
Gunasekera, T.S. *see* Smith, J.J.

Gunnarsson, E. *see* Gudmundsdottir, K.B.
Guyard, C. *see* Vialette, M.

Hales, T.R. *see* Sanderson, W.T.
Hallamaa, K. *see* Saarela, M.
Hamada-Sato, N. *see* Kobayashi, T.
Handley, P.S. *see* Rickard, A.H.
Hanlon, G.W. *see* Lambert, R.J.W.
Hansen, A.M. *see* Beck, H.C.
Harrington, C.S. *see* Siemer, B.L.
Hayakawa, M., Yoshida, Y. & Iimura, Y. Selective isolation of bioactive soil actinomycetes belonging to the *Streptomyces violaceusniger* phenotypic cluster, 973
Heap, H.A. *see* Ward, L.J.H.
Hegna, I.K. *see* Risøen, P.A.
Heidenreich, B. *see* Østensvik, Ø.
Heo, J.H. *see* Kim, C.H.
Hesselsoe, M. *see* Roslev, P.
Hierro, N. *see* González, Á.
Hinton, M.H. *see* Chadfield, M.S.
Hiramatsu, M. *see* Cheun, H.I.
Ho, J. *see* Laflamme, C.
Hofer, E. *see* Leal, N.C.
Holck, A.L. *see* Langsrud, S.
Hollerová, I. *see* Yansanjav, A.
Holt, D. *see* Eccles, J.P.
Hoorfar, J., Cook, N., Malorny, B., Wagner, M., De Medici, D., Abdulmawjood, A. & Fach, P. Letter to the Editor, 221
Horan, J. *see* Sanderson, W.T.
Houlberg, U. *see* Thage, B.V.
Huber, I., Spanggaard, B., Appel, K.F., Rossen, L., Nielsen, T. & Gram, L. Phylogenetic analysis and *in situ* identification of the intestinal microbial community of rainbow trout (*Oncorhynchus mykiss*, Walbaum), 117
Hwang, H.J., Kim, S.W., Xu, C.P., Choi, J.W. & Yun, J.W. Morphological and rheological properties of the three different species of basidiomycetes *Phellinus* in submerged cultures, 1296

Igimi, S. *see* Cheun, H.I.
Iimura, Y. *see* Hayakawa, M.
Imada, C. *see* Kobayashi, T.
Imaoka, A., Setoyama, H., Takagi, A., Matsumoto, S. & Umesaki, Y. Improvement of human faecal flora-associated mouse model for evaluation of the functional foods, 656
Ivanov, V.N., Wang, J.-Y., Stabnikova, O.V., Tay, S.T.-L. & Tay, J.-H. Microbiological monitoring in the biodegradation of sewage sludge and food waste, 641

Jacques, P. *see* Touré, Y.
Jakobsen, M. *see* Lei, V.
Jandos-Rudnik, A.-M. *see* Vialette, M.
Jansen, A. *see* Van Houdt, R.
Jarp, J. *see* Johannessen, G.S.
Jay, C. *see* Vernet, G.
Jenkins, C. *see* Chart, H.
Jespersen, L. *see* Yansanjav, A.
Ji, L.L., Song, Y.C. & Tan, R.X. A potent feed preservative candidate produced by *Calcarisporium* sp., an endophyte residing in stargrass (*Cynodon dactylon*), 352
Johannessen, G.S., Frøseth, R.B., Solemdal, L., Jarp, J., Wasteson, Y. & Rørvik, L.M. Influence of bovine manure as fertilizer on the bacteriological quality of organic Iceberg lettuce, 787
Jørgensen, B.L. *see* Nilsson, L.
Jørgensen, J.Chr. *see* Gradel, K.O.
Josephsen, J. *see* Chumchalová, J.

Kado, C.I. *see* Wu, S.-J.
Kajiwara, M. *see* Kobayashi, T.
Kang, H.A. *see* Kim, C.H.
Kanzaki, H. *see* Thanomsub, B.
Kapadnis, B.P. *see* Baserisalehi, M.
Karaibrahimoglu, Y. *see* Diez-Gonzalez, F.
Kawamoto, K. *see* Cheun, H.I.
Kazan, D. *see* Denizci, A.A.
Kelly, W.J. *see* Ward, L.J.H.
Kelty, C.A. *see* Williams, M.M.
Kevei, F. *see* Kredics, L.
Khalid, A., Arshad, M. & Zahir, Z.A. Screening plant growth-promoting rhizobacteria for improving growth and yield of wheat, 473
Khardori, N. *see* El-Azizi, M.A.
Kiewiet, R. *see* Tjalsma, H.
Kilian, S.G. *see* van Rensburg, E.
Kim, C.H., Lee, J.H., Heo, J.H., Kwon, O.S., Kang, H.A. & Rhee, S.K. Cloning and expression of a novel esterase gene *cpoA* from *Burkholderia cepacia*, 1306
Kim, D. *see* Sanderson, W.T.
Kim, S.W. *see* Hwang, H.J.
Klein, G. *see* Beckmann, L.
Knepper, T.P. *see* Dong, W.
Kobayashi, T., Kajiwara, M., Wahyuni, M., Hamada-Sato, N., Imada, C. & Watanabe, E. Effect of culture conditions on lactic acid production of *Tetragenococcus* species, 1215
Koetje, E.J. *see* Tjalsma, H.
Kolkman, M. *see* Tjalsma, H.
Kolmos, B. *see* Nielsen, S.S.
Kolstø, A.-B. *see* Risøen, P.A.

Komitopoulou, E., Bainton, N.J. & Adams, M.R. Oxidation–reduction potential regulates RpoS levels in *Salmonella* Typhimurium, 271
König, H. *see* Ultee, A.
Koyanagi, M. *see* Suzuki, K.
Kredics, L., Manczinger, L., Antal, Z., Pénzes, Z., Szekeres, A., Kevei, F. & Nagy, E. *In vitro* water activity and pH dependence of mycelial growth and extracellular enzyme activities of *Trichoderma* strains with biocontrol potential, 491
Kubo, A. *see* Kubo, I.
Kubo, I., Fujita, K., Nihei, K. & Kubo, A. Anti-*Salmonella* activity of (2*E*)-alkenals, 693
Kuipers, O.P. *see* Tjalsma, H.
Kwon, O.S. *see* Kim, C.H.

van der Laan, J. *see* Tjalsma, H.
Laflamme, C., Lavigne, S., Ho, J. & Duchaine, C. Assessment of bacterial endospore viability with fluorescent dyes, 684
Lakshmanan, R. & Dalgaard, P. Effects of high-pressure processing on *Listeria monocytogenes*, spoilage microflora and multiple compound quality indices in chilled cold-smoked salmon, 398
Lambert, R.J.W., Hanlon, G.W. & Denyer, S.P. The synergistic effect of EDTA/antimicrobial combinations on *Pseudomonas aeruginosa*, 244
Lange, M. *see* Vialette, M.
Langsrud, S., Sundheim, G. & Holck, A.L. Cross-resistance to antibiotics of *Escherichia coli* adapted to benzalkonium chloride or exposed to stress-inducers, 201
LaPointe, G. *see* Péant, B.
Larson, A.J. *see* Bhosale, P.
Lauritsen, F.R. *see* Beck, H.C.
Laustsen, M.W. *see* Thage, B.V.
Lavigne, S. *see* Laflamme, C.
Lavín, A. *see* Martínez, C.
Lazzi, C., Rossetti, L., Zago, M., Neviani, E. & Giraffa, G. Evaluation of bacterial communities belonging to natural whey starters for Grana Padano cheese by length heterogeneity-PCR, 481
Lazzi, C. *see* Gatti, M.
Leal, N.C., Sobreira, M., Leal-Balbino, T.C., de Almeida, A.M.P., da Silva, M.J.B., Mello, D.M., Seki, L.M. & Hofer, E. Evaluation of a RAPD-based typing scheme in a molecular epidemiology study of *Vibrio cholerae* O1, Brazil, 447
Leal-Balbino, T.C. *see* Leal, N.C.
Lebois, M., Connil, N., Onno, B., Prévost, H. & Dousset, X. Effects of divercin V41 combined to NaCl content, phenol (liquid smoke) concentration and pH on *Listeria monocytogenes* ScottA growth in BHI broth by an experimental design approach, 931
Leclère, V., Béchet, M. & Blondeau, R. Functional significance of a periplasmic Mn-superoxide dismutase from *Aeromonas hydrophila*, 828
Lee, I.M. *see* Noble, R.T.
Lee, J.H. *see* Kim, C.H.
Legeay, O. *see* Vialette, M.
Lei, V. & Jakobsen, M. Microbiological characterization and probiotic potential of *koko* and *koko sour water*, African spontaneously fermented millet porridge and drink, 384
Leisner, J.J. *see* Yansanjav, A.
Lemos, E.G.M. *see* Ciapina, L.P.
Li, Z. *see* Wang, C.
Liang, Z.Q. *see* Xiao, J.H.
Ligler, F.S. *see* Sapsford, K.E.
Linaje, R., Coloma, M.D., Pérez-Martínez, G. & Zúñiga, M. Characterization of faecal enterococci from rabbits for the selection of probiotic strains, 761
Little, C.L. *see* Elson, R.
Liu, J.W. *see* Xiao, J.H.
Liu, S.Y. *see* Duan, X.Y.
Liu, Z.L. *see* Xiao, J.H.
Lloyd, D. *see* Turner, N.A.
Lonvaud-Funel, A. *see* Pripis-Nicolau, L.
Lopes, C.A. *see* Rodríguez, M.E.
Luber, P. *see* Beckmann, L.
Lv, S. *see* Xu, A.

Mackey, B.E. *see* Mlikota Gabler, F.
Madden, R.H. *see* Sherry, A.E.
Madio, A. *see* Corrente, M.
Magan, N. *see* Nesci, A.
Magariños, B. *see* Avendaño-Herrera, R.
Maguin, E. *see* Mora, D.
Makino, S.-I. *see* Cheun, H.I.
Malorny, B. *see* Hoorfar, J.
Manachini, P.L. *see* Mora, D.
Mancuso Nichols, C.A., Garon, S., Bowman, J.P., Raguénès, G. & Guézennec, J. Production of exopolysaccharides by Antarctic marine bacterial isolates, 1057
Manczinger, L. *see* Kredics, L.
Manero, A. *see* Vilanova, X.
Maniadi, K. *see* Ultee, A.
Manresa, A. *see* Rodríguez, E.

Mansour, M.F. *see* Mlikota Gabler, F.
Marín, S. *see* Velluti, A.
Marques, E.A. *see* Travassos, L.H.
Martínez, C., Gac, S., Lavín, A. & Ganga, M. Genomic characterization of *Saccharomyces cerevisiae* strains isolated from wine-producing areas in South America, 1161
Martínez, C. *see* Ganga, M.A.
Martini, A. *see* Buzzini, P.
Mas, A. *see* González, Á.
Masiero, M. *see* Mora, D.
Massa, S. *see* Spano, G.
Massi, M., Vitali, B., Federici, F., Matteuzzi, D. & Brigidi, P. Identification method based on PCR combined with automated ribotyping for tracking probiotic *Lactobacillus* strains colonizing the human gut and vagina, 777
Mathiesen, G., Namløs, H.M., Risøen, P.A., Axelsson, L. & Eijsink, V.G.H. Use of bacteriocin promoters for gene expression in *Lactobacillus plantarum* C11, 819
Matsui, H. *see* Murai, A.
Matsumoto, S. *see* Imaoka, A.
Matteuzzi, D. *see* Massi, M.
Mättö, J. *see* Saarela, M.
Mauriello, G. *see* Ercolini, D.
Mautino, M.R. *see* Temporini, E.D.
McCleery, R.E. *see* Sanderson, W.T.
McDowell, D.A. *see* O'Hanlon, K.A.
see also Prendergast, D.M.
McKnight, T.E. *see* Nivens, D.E.
Meckes, M.C. *see* Williams, M.M.
Medici, M. *see* Vinderola, C.G.
Mello, D.M. *see* Leal, N.C.
Menanteau, C. *see* Dupont, J.
Mengoni, A. *see* Ghosh, M.
Merquior, V.L.C. *see* Travassos, L.H.
Mezzasoma, L. *see* Bacarese-Hamilton, T.
Michiels, C.W. *see* Van Houdt, R.
Mitchell, R.T. *see* Elson, R.
Mlikota Gabler, F., Mansour, M.F., Smilanick, J.L. & Mackey, B.E. Survival of spores of *Rhizopus stolonifer*, *Aspergillus niger*, *Botrytis cinerea* and *Alternaria alternata* after exposure to ethanol solutions at various temperatures, 1354
Molina, O.E. *see* Fariña, J.I.
Monteiro, A.A. *see* Casimiro, S.
Mora, D., Maguin, E., Masiero, M., Parini, C., Ricci, G., Manachini, P.L. & Daffonchio, D. Characterization of urease genes cluster of *Streptococcus thermophilus*, 209
Mortier, J. *see* Soares, E.V.
Moschetti, G. *see* Ercolini, D.
Moser, S.A. *see* Nivens, D.E.
Mota, M. *see* Soares, E.V.
Moura, M. *see* Casimiro, S.
Mucchetti, G. *see* Gatti, M.
Müller, M. *see* Beckmann, L.
Muller, P. *see* Sanderson, W.T.
Murai, A., Tsujimoto, Y., Matsui, H. & Watanabe, K. An *Aneurinibacillus* sp. strain AM-1 produces a proline-specific aminopeptidase useful for collagen degradation, 810
Murillo, J. *see* Rico, A.
Murrell, J.C. *see* Dong, W.

Nagy, E. *see* Kredics, L.
Namløs, H.M. *see* Mathiesen, G.
Nejidat, A., Saadi, I. & Ronen, Z. Degradation of 2,4,6-tribromophenol by bacterial cells attached to chalk collected from a contaminated aquifer, 844
Nesci, A., Etcheverry, M. & Magan, N. Osmotic and matric potential effects on growth, sugar alcohol and sugar accumulation by *Aspergillus* section *Flavi* strains from Argentina, 965
Neviani, E. *see* Gatti, M.
see also Lazzi, C.
Ng, Y.Y. *see* Nilsson, L.
Nicaud, J.M. *see* Fickers, P.
Nielsen, E.M. *see* Siemer, B.L.
Nielsen, L.R., Toft, N. & Ersboll, A.K. Evaluation of an indirect serum ELISA and a bacteriological faecal culture test for diagnosis of *Salmonella* serotype Dublin in cattle using latent class models, 311
Nielsen, N.L. *see* Siemer, B.L.
Nielsen, S.S., Kolmos, B. & Christoffersen, A.B. Comparison of contamination and growth of *Mycobacterium avium* subsp. *paratuberculosis* on two different media, 149
Nielsen, T. *see* Huber, I.
Nihei, K. *see* Kubo, I.
Nilsson, L., Ng, Y.Y., Christiansen, J.N., Jørgensen, B.L., Grótinum, D. & Gram, L. The contribution of bacteriocin to inhibition of *Listeria monocytogenes* by *Carnobacterium piscicola* strains in cold-smoked salmon systems, 133
Nitoda, T. *see* Thanomsub, B.
Nivens, D.E., McKnight, T.E., Moser, S.A., Osbourn, S.J., Simpson, M.L. & Sayler, G.S. Bioluminescent bioreporter integrated circuits: potentially small, rugged and inexpensive whole-cell biosensors for remote environmental monitoring, 33
Noble, R.T., Lee, I.M. & Schiff, K.C. Inactivation of indicator micro-organisms from various sources of faecal contamination in seawater and freshwater, 464
Nohynek, L. *see* Saarela, M.

O'Hanlon, K.A., Catarame, T.M.G., Duffy, G., Blair, I.S. & McDowell, D.A. RAPID detection and quantification of *E. coli* O157/O26/O111 in minced beef by real-time PCR, 1013
Ohsawa, M. *see* Futagawa-Saito, K.
Ohshima, S. *see* Futagawa-Saito, K.
de Oliveira, A.M.R. *see* Duarte, V.
Olsen, B. *see* Broman, T.
O'May, G.A., Allison, D.G. & Gilbert, P. A rapid method for the evaluation of both extrinsic and intrinsic contamination and resulting spoilage of water-in-oil emulsions, 1124
On, S.L.W. *see* Siemer, B.L.
Ongena, M. *see* Touré, Y.
Onno, B. *see* Lebois, M.
Ortiz-Barredo, A. *see* Rico, A.
Osbourn, S.J. *see* Nivens, D.E.
Østensvik, Ø., From, C., Heidenreich, B., O'Sullivan, K. & Granum, P.E. Cytotoxic *Bacillus* spp. belonging to the *B. cereus* and *B. subtilis* groups in Norwegian surface waters, 987
O'Sullivan, K. *see* Østensvik, Ø.
Otero, A. *see* García-López, I.
Özçelik, İ.Ş. *see* Çalik, P.
Özdamar, T.H. *see* Çalik, P.

Paiba, G.A. *see* Davies, R.H.
Paraggio, M. *see* Sipiczki, M.
Parini, C. *see* Mora, D.
Parkar, S.G., Flint, S.H. & Brooks, J.D. Evaluation of the effect of cleaning regimes on biofilms of thermophilic bacilli on stainless steel, 110
Pascoe, S.J.S. *see* Davies, R.H.
Patterson, M.F. *see* Sherry, A.E.
Péant, B. & LaPointe, G. Identification and characterization of a conserved nuclease secreted by strains of the *Lactobacillus casei* group, 367
Pénzes, Z. *see* Kredics, L.
Perdigón, G. *see* Vinderola, C.G.
Pérez-Martínez, G. *see* Linaje, R.
Perry, J.D. *see* Butterworth, L.A.
Perry, N.T. *see* Chart, H.
Petruccioli, M. *see* Selbmann, L.
Piacitelli, C.A. *see* Sanderson, W.T.
Pinheiro, M.N. *see* Travassos, L.H.
Pinon, A. *see* Vialette, M.
Plocková, M. *see* Chumchalová, J.
Poblet, M. *see* González, Á.
Pommepuy, M. *see* Dupont, J.
du Preez, J.C. *see* van Rensburg, E.
Prendergast, D.M., Sheridan, J.J., Daly, D.J., McDowell, D.A. & Blair, I.S. The use of a marked strain of *Pseudomonas fluorescens* to model the spread of brain tissue to the musculature of cattle after shooting with a captive bolt gun, 437
Prévost, H. *see* Lebois, M.
Pripis-Nicolau, L., de Revel, G., Bertrand, A. & Lonvaud-Funel, A. Methionine catabolism and production of volatile sulphur compounds by *Œnococcus œni*, 1176
Proença-Módena, J.L. *see* Falcão, J.P.

Qi, Y. *see* Xiao, J.H.
Quiberoni, A., Guglielmotti, D., Binetti, A. & Reinheimer, J. Characterization of three *Lactobacillus delbrueckii* subsp. *bulgaricus* phages and the physicochemical analysis of phage adsorption, 340
Quintana, A.L. *see* Van Houdt, R.

Radajewski, S. *see* Dong, W.
Raguénès, G. *see* Mancuso Nichols, C.A.
Rameshkumar, N. *see* Senthilkumar, V.
Ramón, D. *see* Rodríguez, M.E.
Ramos, A.J. *see* Velluti, A.
Rantala, M. *see* Saarela, M.
Rastall, R.A. *see* Tzortzis, G.
Rattray, F.P. *see* Thage, B.V.
Reed, R.H. *see* Butterworth, L.A.
Reinheimer, J. *see* Quiberoni, A.
van Rensburg, E., du Preez, J.C. & Kilian, S.G. Influence of the growth phase and culture medium on the survival of *Mannheimia haemolytica* during storage at different temperatures, 154
de Revel, G. *see* Pripis-Nicolau, L.
Rhee, S.K. *see* Kim, C.H.
Ricci, G. *see* Mora, D.
Rickard, A.H., Gilbert, P. & Handley, P.S. Influence of growth environment on coaggregation between freshwater biofilm bacteria, 1367
Rico, A., Ortiz-Barredo, A., Ritter, E. & Murillo, J. Genetic characterization of *Erwinia amylovora* strains by amplified fragment length polymorphism, 302
Rijsbrack, K. *see* Soares, E.V.
Risøen, P.A., Rønning, P., Hegna, I.K. & Kolstø, A.-B. Characterization of a broad range antimicrobial substance from *Bacillus cereus*, 648
Risøen, P.A. *see* Mathiesen, G.
Ritter, E. *see* Rico, A.
Rocabayera, X. *see* Rodríguez, E.
Rochon, H.S. *see* Williams, M.M.

Rodrigue, M. *see* Vernet, G.
Rodríguez, E., Seguer, J., Rocabayera, X. & Manresa, A. Cellular effects of monohydrochloride of L-arginine, N^{α}-lauroyl ethylester (LAE) on exposure to *Salmonella typhimurium* and *Staphylococcus aureus*, 903
Rodríguez, J. *see* Avendaño-Herrera, R.
Rodríguez, M.E., Lopes, C.A., van Broock, M., Valles, S., Ramón, D. & Caballero, A.C. Screening and typing of Patagonian wine yeasts for glycosidase activities, 84
Romalde, J.L. *see* Avendaño-Herrera, R.
Romano, P. *see* Sipiczki, M.
Romero, M.J. *see* Vàzquez-Juárez, R.C.
Ronen, Z. *see* Nejidat, A.
Rønning, P. *see* Risøen, P.A.
Rørvik, L.M. *see* Johannessen, G.S.
Rosa, A.L. *see* Temporini, E.D.
Roslev, P., Bjergbæk, L.A. & Hesselsoe, M. Effect of oxygen on survival of faecal pollution indicators in drinking water, 938
Ross, R.P. *see* Corcoran, B.M.
Rossen, L. *see* Huber, I.
Rossetti, L. *see* Lazzi, C.
Rozès, N. *see* González, Á.
Rucká, L. *see* Brenner, V.
Russell, A.D. *see* Turner, N.A.
Ryan, J.M.B. *see* Davies, R.H.

Saadi, I. *see* Nejidat, A.
Saarela, M., Rantala, M., Hallamaa, K., Nohynek, L., Virkajärvi, I. & Mättö, J. Stationary-phase acid and heat treatments for improvement of the viability of probiotic lactobacilli and bifidobacteria, 1205
Sá-Correia, I. *see* Guadalupe Cabral, M.
Sakurai, N. *see* Futagawa-Saito, K.
Sampaio, J.L.M. *see* Travassos, L.H.
Samuel, C.M. *see* Dawson, D.J.
Sanchis, V. *see* Velluti, A.
Sanderson, W.T., Stoddard, R.R., Echt, A.S., Piacitelli, C.A., Kim, D., Horan, J., Davies, M.M., McCleery, R.E., Muller, P., Schnorr, T.M., Ward, E.M. & Hales, T.R. *Bacillus anthracis* contamination and inhalational anthrax in a mail processing and distribution center, 1048
Santos, J.A. *see* García-López, I.
Sapsford, K.E., Shubin, Y.S., Delehanty, J.B., Golden, J.P., Taitt, C.R., Shriver-Lake, L.C. & Ligler, F.S. Fluorescence-based array biosensors for detection of biohazards, 47
Sawai, J. & Yoshikawa, T. Quantitative evaluation of antifungal activity of metallic oxide powders (MgO, CaO and ZnO) by an indirect conductimetric assay, 803
Sayler, G.S. *see* Nivens, D.E.
Schiff, K.C. *see* Noble, R.T.
Schleheck, D. *see* Dong, W.
Schnorr, T.M. *see* Sanderson, W.T.
Schrader, C. *see* Beckmann, L.
Scrannage, V. *see* Dawson, D.J.
Searle, R. *see* Eccles, J.P.
Seguer, J. *see* Rodríguez, E.
Seki, L.M. *see* Leal, N.C.
Selbmann, L., Crognale, S. & Petruccioli, M. Beta-glucan production by *Botryosphaeria rhodina* in different bench-top bioreactors, 1074
Senthilkumar, V., Rameshkumar, N., Busby, S.J.W. & Gunasekaran, P. Disruption of the *Zymomonas mobilis* extracellular sucrase gene (*sacC*) improves levan production, 671
Setlow, B., Cabrera-Martinez, R.-M. & Setlow, P. Mechanism of the hydrolysis of 4-methylumbelliferyl-β-D-glucoside by germinating and outgrowing spores of *Bacillus* species, 1245
Setlow, B. *see* Cortezzo, D.E.
Setlow, P. *see* Cortezzo, D.E.
see also Setlow, B.
see also Young, S.B.
Setoyama, H. *see* Imaoka, A.
Settanni, L. *see* Corsetti, A.
Seviour, R. *see* Winder, C.L.
Sheridan, J.J. *see* Prendergast, D.M.
Sherry, A.E., Patterson, M.F. & Madden, R.H. Comparison of 40 *Salmonella enterica* serovars injured by thermal, high-pressure and irradiation stress, 887
Shirahata, T. *see* Cheun, H.I.
Shriver-Lake, L.C. *see* Sapsford, K.E.
Shubin, Y.S. *see* Sapsford, K.E.
Siegumfeldt, H. *see* Yansanjav, A.
Siemer, B.L., Harrington, C.S., Nielsen, E.M., Borck, B., Nielsen, N.L., Engberg, J. & On, S.L.W. Genetic relatedness among *Campylobacter jejuni* serotyped isolates of diverse origin as determined by numerical analysis of amplified fragment length polymorphism (AFLP) profiles, 795
Sigurdarson, S. *see* Gudmundsdottir, K.B.
da Silva, M.J.B. *see* Leal, N.C.
Simpson, M.L. *see* Nivens, D.E.
Sipiczki, M., Romano, P., Capece, A. & Paraggio, M. Genetic segregation of natural *Saccharomyces cerevisiae* strains derived from spontaneous fermentation of Aglianico wine, 1169
Smilanick, J.L. *see* Mlikota Gabler, F.
Smith, H.V. *see* Dalton, C.

Smith, J.J., Gunasekera, T.S., Barardi, C.R.M., Veal, D. & Vesey, G. Determination of *Cryptosporidium parvum* oocyst viability by fluorescence *in situ* hybridization using a ribosomal RNA-directed probe, 409
Soares, E.V., Vroman, A., Mortier, J., Rijsbrack, K. & Mota, M. Carbohydrate carbon sources induce loss of flocculation of an ale-brewing yeast strain, 1117
Sobreira, M. *see* Leal, N.C.
Solemdal, L. *see* Johannessen, G.S.
Song, Y.C. *see* Ji, L.L.
Souvatzi, N. *see* Ultee, A.
Spanggaard, B. *see* Huber, I.
Spano, G., Chieppa, G., Beneduce, L. & Massa, S. Expression analysis of putative *arcA*, *arcB* and *arcC* genes partially cloned from *Lactobacillus plantarum* isolated from wine, 185
Stabnikova, O.V. *see* Ivanov, V.N.
Stanton, C. *see* Corcoran, B.M.
Starks, S.E. *see* El-Azizi, M.A.
Stiles, J. *see* Chumchalová, J.
Stoddard, R.R. *see* Sanderson, W.T.
Sundheim, G. *see* Langsrud, S.
Suzuki, K., Koyanagi, M. & Yamashita, H. Genetic characterization and specific detection of beer-spoilage *Lactobacillus* sp. LA2 and related strains, 677
Suzuki, K., Koyanagi, M. & Yamashita, H. Genetic characterization of non-spoilage variant isolated from beer-spoilage *Lactobacillus brevis* ABBC45^{C}, 946
Suzuki, M. *see* Futagawa-Saito, K.
Swings, J. *see* Yansanjav, A.
Szekeres, A. *see* Kredics, L.

Tagliabue, S. *see* Corrente, M.
Taitt, C.R. *see* Sapsford, K.E.
Takagi, A. *see* Imaoka, A.
Tamaoki, H. *see* Cheun, H.I.
Tan, R.X. *see* Ji, L.L.
Tay, J.-H. *see* Ivanov, V.N.
Tay, S.T.-L. *see* Ivanov, V.N.
Teale, C.J. *see* Davies, R.H.
Temporini, E.D., Alvarez, M.E., Mautino, M.R., Folco, H.D. & Rosa, A.L. The *Neurospora crassa cfp* promoter drives a carbon source-dependent expression of transgenes in filamentous fungi, 1256
Tenreiro, R. *see* Casimiro, S.
Teunissen, P.G.M. *see* Dijksterhuis, J.
Thage, B.V., Rattray, F.P., Laustsen, M.W., Ardö, Y., Barkholt, V. & Houlberg, U. Purification and characterization of a branched-chain amino acid aminotransferase from *Lactobacillus paracasei* subsp. *paracasei* CHCC 2115, 593
Thanomsub, B., Watcharachaipong, T., Chotelersak, K., Arunrattiyakorn, P., Nitoda, T. & Kanzaki, H. Monoacylglycerols: glycolipid biosurfactants produced by a thermotolerant yeast, *Candida ishiwadae*, 588
Thompson, M. *see* Deisingh, A.K.
Thonart, P. *see* Fickers, P.
see also Touré, Y.
Tiligada, E. *see* Vovou, I.
Tjalsma, H., Koetje, E.J., Kiewiet, R., Kuipers, O.P., Kolkman, M., van der Laan, J., Daskin, R., Ferrari, E. & Bron, S. Engineering of quorum-sensing systems for improved production of alkaline protease by *Bacillus subtilis*, 569
Toft, N. *see* Nielsen, L.R.
Tømeraas, K. *see* Brenner, V.
Toranzo, A.E. *see* Avendaño-Herrera, R.
Totevová, S. *see* Brenner, V.
Touré, Y., Ongena, M., Jacques, P., Guiro, A. & Thonart, P. Role of lipopeptides produced by *Bacillus subtilis* GA1 in the reduction of grey mould disease caused by *Botrytis cinerea* on apple, 1151
Travassos, L.H., Pinheiro, M.N., Coelho, F.S., Sampaio, J.L.M., Merquior, V.L.C. & Marques, E.A. Phenotypic properties, drug susceptibility and genetic relatedness of *Stenotrophomonas maltophilia* clinical strains from seven hospitals in Rio de Janeiro, Brazil, 1143
Tripathi, A.K. *see* Ghosh, M.
Troesch, A. *see* Vernet, G.
Tsujimoto, Y. *see* Murai, A.
Turchetti, B. *see* Buzzini, P.
Turner, N.A., Russell, A.D., Furr, J.R. & Lloyd, D. Resistance, biguanide sorption and biguanide-induced pentose leakage during encystment of *Acanthamoeba castellanii*, 1287
Turon, C. *see* Velluti, A.
Tzortzis, G., Baillon, M.-L.A., Gibson, G.R. & Rastall, R.A. Modulation of anti-pathogenic activity in canine-derived *Lactobacillus* species by carbohydrate growth substrate, 552

Ultee, A., Souvatzi, N., Maniadi, K. & König, H. Identification of the culturable and nonculturable bacterial population in ground water of a municipal water supply in Germany, 560
Umesaki, Y. *see* Imaoka, A.

Valles, S. *see* Rodríguez, M.E.
Van Houdt, R., Aertsen, A., Jansen, A., Quintana, A.L. & Michiels, C.W. Biofilm formation and cell-to-cell signalling in Gram-negative bacteria isolated from a food processing environment, 177
Van Sinderen, D. *see* Corsetti, A.
Vancanneyt, M. *see* Yansanjav, A.
Vàzquez-Juárez, R.C., Romero, M.J. & Ascencio, F. Adhesive properties of a LamB-like outer-membrane protein and its contribution to *Aeromonas veronii* adhesion, 700
Veal, D. *see* Smith, J.J.
Velluti, A., Sanchis, V., Ramos, A.J., Turon, C. & Marín, S. Impact of essential oils on growth rate, zearalenone and deoxynivalenol production by *Fusarium graminearum* under different temperature and water activity conditions in maize grain, 716
Verma, S.C. *see* Ghosh, M.
Vernet, G., Jay, C., Rodrigue, M. & Troesch, A. Species differentiation and antibiotic susceptibility testing with DNA microarrays, 59
Vesey, G. *see* Smith, J.J.
Vialette, M., Jandos-Rudnik, A.-M., Guyard, C., Legeay, O., Pinon, A. & Lange, M. Validating the use of green fluorescent-marked *Escherichia coli* O157:H7 for assessing the organism behaviour in foods, 1097
Viegas, C.A. *see* Guadalupe Cabral, M.
Vilanova, X., Manero, A., Cerdà-Cuéllar, M. & Blanch, A.R. The composition and persistence of faecal coliforms and enterococcal populations in sewage treatment plants, 279
Vinderola, C.G., Medici, M. & Perdigón, G. Relationship between interaction sites in the gut, hydrophobicity, mucosal immunomodulating capacities and cell wall protein profiles in indigenous and exogenous bacteria, 230
Virkajärvi, I. *see* Saarela, M.
Vitali, B. *see* Massi, M.
Vovou, I., Delitheos, A. & Tiligada, E. The heat shock response is dependent on the external environment and on rapid ionic balancing by pharmacological agents in *Saccharomyces cerevisiae*, 1271
Vroman, A. *see* Soares, E.V.

Wagner, M. *see* Hoorfar, J.
Wahyuni, M. *see* Kobayashi, T.
Waldenström, J. *see* Broman, T.
Wan, W.H. *see* Xiao, J.H.
Wang, C., Fan, M., Li, Z. & Butt, T.M. Molecular monitoring and evaluation of the application of the insect-pathogenic fungus *Beauveria bassiana* in southeast China, 861
Wang, J. *see* Xu, A.
Wang, J.-Y. *see* Ivanov, V.N.
Wang, P. *see* Wong, H.C.
Ward, E.M. *see* Sanderson, W.T.
Ward, L.J. *see* Duarte, V.
Ward, L.J.H., Heap, H.A. & Kelly, W.J. Characterization of closely related lactococcal starter strains which show differing patterns of bacteriophage sensitivity, 144
Wasteson, Y. *see* Johannessen, G.S.
Watanabe, E. *see* Kobayashi, T.
Watanabe, K. *see* Murai, A.
Watcharachaipong, T. *see* Thanomsub, B.
Wilesmith, J.W. *see* Davies, R.H.
Williams, M.M., Domingo, J.W.S., Meckes, M.C., Kelty, C.A. & Rochon, H.S. Phylogenetic diversity of drinking water bacteria in a distribution system simulator, 954
Winder, C.L., Carr, E., Goodacre, R. & Seviour, R. The rapid identification of *Acinetobacter* species using Fourier transform infrared spectroscopy, 328
Wong, H.C. & Wang, P. Induction of viable but nonculturable state in *Vibrio parahaemolyticus* and its susceptibility to environmental stresses, 359
Wu, S.-J. & Kado, C.I. Preparation of milk samples for PCR analysis using a rapid filtration technique, 1342

Xiao, J.H., Chen, D.X., Liu, J.W., Liu, Z.L., Wan, W.H., Fang, N., Xiao, Y., Qi, Y. & Liang, Z.Q. Optimization of submerged culture requirements for the production of mycelial growth and exopolysaccharide by *Cordyceps jiangxiensis* JXPJ0109, 1105
Xiao, Y. *see* Xiao, J.H.
Xu, A., Yao, J., Yu, L., Lv, S., Wang, J., Yan, B. & Yu, Z. Mutation of *Gluconobacter oxydans* and *Bacillus megaterium* in a two-step process of L-ascorbic acid manufacture by ion beam, 1317
Xu, C.P. *see* Hwang, H.J.

Yamashita, H. *see* Suzuki, K.
Yan, B. *see* Xu, A.
Yansanjav, A., Siegumfeldt, H., Jespersen, L., Vancanneyt, M., Swings, J., Hollerová, I. & Leisner, J.J. Detection of resistance of lactic acid bacteria to a mixture of the hop analogue compounds tetrahydroiso-α-acids by noninvasive measurement of intracellular pH, 1324
Yao, J. *see* Xu, A.
Yoshida, Y. *see* Hayakawa, M.

Yoshikawa, T. *see* Sawai, J.
Young, S.B. & Setlow, P. Mechanisms of *Bacillus subtilis* spore resistance to and killing by aqueous ozone, 1133
Young, S.B. & Setlow, P. Mechanisms of killing of *Bacillus subtilis* spores by Decon and Oxone™, two general decontaminants for biological agents, 289
Yu, L. *see* Xu, A.
Yu, Z. *see* Xu, A.
Yun, J.W. *see* Hwang, H.J.
Zago, M. *see* Lazzi, C.
Zahir, Z.A. *see* Khalid, A.
Zé-Zé, L. *see* Casimiro, S.
Zhang, Q.X. *see* Duan, X.Y.
Zhang, W.C. *see* Duan, X.Y.
Zúñiga, M. *see* Linaje, R.

Index of Subjects

16S rDNA sequence analysis
  of drinking water bacteria 954
  of fish microbiota 117
  and FT-IR of *Acinetobacter* spp. 328

abattoir survey of *Salmonella* in Great Britain 750
AC electrokinetics in parasite analysis 24
Acanthamoeba castellanii and biguanides 1287
Acetobacter aceti identification in wine fermentation 853
Achromobacter piechaudii adhesion kinetics 844
acid-mine drainage and arsenic oxidation 1202
acid resistance systems in *E. coli* 1237
acidocin CH5 from *L. acidophilus*, characterization of 1082
Acinetobacter spp. rapid identification using FT-IR spectroscopy 328
L-acylglycerol production by *C. ishiwadae* 588
adhesion kinetics of *Achromobacter piechaudii* 844
adhesive properties of LamB-like *A. veronii* protein 700
adsorption of phages of *L. delbrueckii* 340
Aeromonas spp.
  A. hydrophila
    Mn-SOD from 828
    proteases/haemolysins from 994
  A. veronii LamB-like adhesin 700
aflatoxin biosynthesis inhibitor produced by *Calcisporium* 352
AFLP *see* amplified fragement length polymorphism
alkaline protease production
  by *B. clausii* 320
  by *B. subtilis* 569
  serine alkaline protease 194
(2e)-alkenals, anti-*Salmonella* activity of 693
Alternia alternata spore survival after exposure to ethanol/heat 1355
aminopeptidase from *Aneurinibacillus* 810
aminotransferase from *L. paracasei* 593
amplified fragment length polymorphism (AFLP)
  typing of *C. jejuni* 795
  typing of E. amylovora 302
amplified ribosomal DNA restriction analysis (ARDRA) 1278
  for identification of *P. parasitica* 579
Aneurinibacillus, aminopeptidase from 810
Antarctic marine bacterial exopolysaccharides 1057
anthrax spores in mail processing centre 1048
anti-pathogenic activity of canine-derived *Lactobacillus* spp. 552
anti-*Salmonella* activity of (2e)-alkenals 693
antibiotic resistance
  in *C. jejuni* 1040
  in *S. maltophilia* strains 1143
antibiotic resistant *E. coli* and benzalkonium chloride 201
antibiotic susceptibility testing by DNA microarray 58
antifungal activity of metallic oxide powders 803
antigen microarrays, serodiagnosis with 10
antimicrobial activities of *S. violaceusniger* cluster 973
antimicrobial effect of nitrofurans on *Salmonella* 1002
antimicrobial substance from *B. cereus* 648
antimicrobials potentiated by EDTA 244
antitumour activities of *S. violaceusniger* cluster 973
ARDRA *see* amplified ribosomal DNA restriction analysis
array biosensors, TIRF, for biohazard detection 47
arsenic oxidation by *Thiomonas*, mediation of 1202
L-ascorbic acid production by ion beam-mutated strains 1317
ascospore germination and high pressure 162
Aspergillus spp.
  A. flavus, osmotic/matric potential effects on 965
  A. niger spore survival after exposure to ethanol/heat 1354
  A. parasiticus, osmotic/matric potential effects on 965

Bacillus spp.
  B. anthracis in mail processing centre 1048
  B. cereus
    antimicrobial substance from 648
    cytotoxic, in surface water 987
  B. clausii GMBAE 42 producing alkaline protease 320
  B. megaterium mutation by ion beam for L-ascorbic acid production 1317
  B. subtilis
    biocontrol of *Botyris cinerea* 1151
    cytotoxic, in surface water 987
    Rap-Phr systems in alkaline protease production 569
    spore killing by aqueous ozone 1133
    spore killing by Decon/Oxone 289
  B. thermoamylovorans as biodegradation starter 641
  spore germination inhibition 725
  spore phosphoglucosidase action 1245
  spore viability assessment 684
bacteria in organic lettuce 787
bacterial contamination of gelatine production 1333
bacterial exopolysaccharides, Antarctic marine 1057
bacterial population in ground water 552
bacteriocins
  acidocin CH5 from *L. acidophilus* 1082
  inhibition of *Listeria monocytogenes* 133, 931
bacteriocin-like inhibitory substances (BLIS)
  from *B. cereus* 648
  from sourdough bacteria 521

bacteriocin promoters for gene expression in *Lactobacillus* 819
bacteriophages
of *L. delbrueckii* subsp. *bulgaricus* 340
sensitivity in lactococcal strains 144
BAX PCR system for detection of *E. coli* O157:H7 419
Beauveria bassiana biocontrol molecular monitoring/risk assessment 861
beer spoilage
L. brevis, non-spoilage variant of 946
Lactobacillus, characterization/detection of 677
organisms, resistance to hop analogue acids in 1324
benzalkonium chloride resistance and stress in *E. coli* 201
beta-glucan from *B. rhodina* 1074
β-ribosidase substrates, chromogenic 170
Bifidobacterium spp. probiotics, viability improvement of 1205
biguanides and *Acanthamoeba castellanii* 1287
biocontrol agents
B. bassiana, molecular monitoring of 861
of *Botyris cinerea* grey mould disease 1151
yeasts suppressing *Rhizoctonia solani* 69
biodegradation
of linear alkylbenzenesulphonate 630
of PCBs 430
of sewage/food waste, monitoring of 641
biodiversity
of bacteria in ground water 560
of non-*Saccharomyces* wine yeast 76
in *T. maritimum* 871
biofilms
C. albicans interaction with bacteria/*Candida* spp. 1067
effect of cleaning regimes on thermophilic bacilli 110
formation and cell-to-cell signalling 177
mixed species 455
biohazard detection by biosensors 47
bioluminescent bioreporter integrated circuits (BBICs) 33
bioreactors, *B. rhodina* producing beta-glucan in 1074
bioremediation
of creosote-contaminated soil 510
of molasses spent wash 1278
biosensors
biohazard detection 47
E. coli O157:H7 detection in food 419
birds, wild, *C. jejuni* subtypes isolated from 834
Botryosphaeria rhodina producing beta-glucan 1074
Botyris cinerea
biocontrol of 1354
spore survival after exposure to ethanol/heat 1354
brain tissue spread in musculature of slaughtered cattle 437
branched-chain amino acid aminotransferase from *L. paracasei* 593
branched-chain fatty acid biosynthesis by *S. xylosus* 1185
Burkholderia cepacia
cloning of novel esterase gene from 1306
in mixed species biofilms 455

Campylobacter jejuni
AFLP typing 795
in cooked sliced meats/paté 499
gyrA mutations in quinolone-resistance 1040
PFGE subtype distribution 834
recovery from water, novel device for 664
Candida spp.
C. albicans biofilms 1067
C. ishiwadae in production of monoacylglycerols 588
C. valida in biocontrol of *Rhizoctonia solani* 69
carbohydrates induce loss of flocculation in brewing yeast 1117
carbon sources and lipase production 742
Carnobacterium piscicola bacteriocin inhibiting *Listeria* 133
carotenoid production optimization 623
cattle
abattoir survey of *Salmonella* in Great Britain 750
diagnostic tests for Salmonella serotype Dublin 311
manure and bacteria in organic lettuce 787
slaughtered, modelling spread of brain tissue in 437
cell-to-cell signalling and biofilm formation 177
cell wall profiles in indigenous/exogenous bacteria 230
cfp promoter drives transgene expression 1256
chalk-adhered bacterial cells, activity of 844
Chelex 100 in detection of *X. fastidiosa* 546
chips
bioluminescent bioreporter 33
fluorescence-based array biosensors for biohazard detection 47
lab-on-a-chip devices
E. coli O157:H7 detection in food 419
parasite analysis 24
pathogen/protein, in infection diagnosis 24
chlorobenzoate degraders, chlorocatechol metabolism in 430
chlorobiphenyl degraders, chlorocatechol metabolism in 430
chlorocatechol metabolism in bacteria 430
chromogenic β-ribosidase substrates 162
citrulline production by *Lactobacillus plantarum* 185
citrus variegated chlorosis and detection of *X. fastidiosa* 546
cleaning regimes, effect on biofilms of thermophilic bacilli 110
cloning of novel esterase gene from *B. cepacia* 1306
cold meats, microbial examination of 499

cold-smoked salmon
high-pressure processing 398
Listeria monocytogenes
inhibition by *C. piscicola* bacteriocin 133
modelling growth in cold-smoked salmon 96
coliforms, faecal, in sewage 279
collagen degradation enzyme from *Aneurinibacillus* 810
Cordyceps jiangxiensis submerged culture requirements 1105
creosote contamination, soil remediation after 510
crucifer downy mildew, molecular marker of 579
Cryptosporidium spp.
C. parvum oocyst viability determination 409
survival in environments relevant to foods/beverages 1222
culture conditions and *Tetragenococcus* spp. lactic acid production 1215
culture media
and *Mannheimia haemolytica* viability 154
Mycobacterium, comparison of 149
for *Salmonella* spp. from reptile faeces 709
culture requirements, submerged, for *C. jiangxiensis* 1105
cultures, submerged, of *Phellinus* spp. 1296

Decon killing *B. subtilis* spores 289
denaturing gradient gel electrophoresis (DGGE) analysis of gelatine extracts 1333
deoxynivalenol production by *F. graminearum* 716
divercin V41 combined inhibitory effects on *L. monocytogenes* 931
DNA fingerprinting
of *E. amylovora* by AFLP 302
of native South American wine yeasts 1161

EDTA potentiation in *Ps. aeruginosa* 244
electrorotation in parasite analysis 24
ELISA for diagnosis of *Salmonella* serotype Dublin 311
emulsion spoilage screening method 1124
endoglucanase productivity improvement for *T. pseudokoingii* 772
enhanced green fluorescence protein for *E. coli* O157:H7 detection 419
Enterococcus spp.
faecal, from rabbits 761
in sewage 279
enterotoxin-related gene *se-int* in *S. intermedius* 1361
Erwinia spp.
E. amylovora characterization by AFLP 302
E. carotovora, atypical, in potato blackleg 535
Erysipelothrix rhusiopathiae, SpaA-forming *L. lactis* against 1347
Escherichia coli
antibiotic resistance and benzalkonium chloride 201
enumeration
by impedence 894
in sewage sludge 375
O26/O111 detection in minced beef 1013
O157:H7 acid resistance systems 1237
O157:H7 detection in food 419
green fluorescent protein marking 1096
minced beef 1013
pathotypes, R3 LPS-core in 982
survival
in coastal water/sediment 922
in drinking water, oxygen and 938
essential oils and control of *F. graminearum* 716
esterase gene *cpoA* from *B. cepacia* 1306
exopolysaccharide production
by Antarctic marine bacteria 1057
submerged culture requirements for 1105
expression analysis of *Lactobacillus plantarum* genes 185
extracellular sucrase gene disruption in *Z. mobilis* 671

faecal contamination of water and inactivation of indicator bacteria 464
faecal culture test for diagnosis of *Salmonella* serotype Dublin 311
faecal enterococci from rabbits 761
faecal indicators
effects of oxygen on survival in drinking water 938
persistence in coastal water/sediments 922
feed preservative produced by *Calcarisporium* 352
fengycin synthesis by *B. subtilis* GA1 1151
fermented meat products, *S. xylosus* in 1185
fermented millet, lactic acid bacteria in 384
fingerprinting
DNA
of *E. amylovora* by AFLP 302
of native South American wine yeasts 1161
of *S. cerevisiae* based on killer toxin sensitivity 1194
fish
molecular analysis of rainbow trout microbiota 117
pathogen *T. maritimum*, biodiversity in 871
spoilage nonmotile bacteria characterization 878
Flavobacterium multivorum zeaxanthin production 623
flocculation in brewing yeast, carbohydrates inducing loss of 1117
fluorescence-based array biosensors for biohazard detection 47
fluorescence *in situ* hybridization (FISH) analysis
of *C. parvum* oocyst viability 409

of *E. coli* in drinking water 938
of fish microbiota 117
fluorescence microscopy in spore viability assessment 684
fluoroquinolone resistance in *C. jejuni* 1040
food environments, survival of *Cryptosporidium* in 1222
food processing biofilm formation and cell-to-cell signalling 177
food waste, monitoring degradation of 641
formaldehyde treatment of *Salmonella*-infected layer houses 613
Fourier transform infrared (FT-IR) spectroscopy of *Acinetobacter* 328
functional foods, new mouse model for 656
furazolidone activity against *Salmonella* 1002
Fusarium graminearum control by essential oils 716

gelatine production bacterial contamination, DGGE analysis of 1333
gene expression in *Lactobacillus* 819
genetic characterization/detection of beer-spoilage *Lactobacillus* 677
genomic characterization of native wine yeasts 1161
Gluconobacter oxydans
identification in wine fermentation 853
mutation by ion beam for L-ascorbic acid production 1317
glycosidase activities in Patagonian wine yeasts 84
Gram-negative bacteria
biofilm formation and cell-to-cell signalling 177
differentiation by β-ribosidase substrates 170
green fluorescent protein marking of *E. coli* O157:H7 1096
growth of GFP-*E. coli* O157:H7 1096
growth promotion by yeasts in sugar beet 69
gut interaction sites in indigenous/exogenous bacteria 230

heat shock response in *S. cerevisiae* 1271
high pressure and ascospore germination 162
high-pressure processing of cold-smoked salmon 398
high-pressure stress in *S. enterica* serovars 887
human faecal flora-associated mouse model 656
hydrophobicity in indigenous/exogenous bacteria 230

identification of culturable/non-culturable ground water bacteria 560
immunological detection/immunomagnetic separation of *E. coli* O157:H7 in food 419
immunomodulation by indigenous/exogenous bacteria 230
inactivation of indicator bacteria in sea-/fresh-water 464
indicator bacteria, inactivation of,
in sea-/fresh-water 464
indirect conductimetric assay of antifungal metallic oxides 803
infectious diseases
microarray diagnosis by molecular signature 18
microarray serodiagnosis 10
inorganic compounds and recombinant protein production 194
ion beam mutation of 2-KLG producing strains 1317
ionic balancing in heat shock response 1271
irradiation stress in *S. enterica* serovars 887
ITS for identification of *P. parasitica* 579

killer toxin sensitivity, yeast fingerprinting based on 1194
koko and *koko sour water*, lactic acid bacteria in 384

L-arginine, N^{α}-lauroyl ethylester (LAE) on *S. aureus* and *S. typhimurium* 903
lactic acid bacteria
in African fermented millet 384
in natural whey starters 481
in sourdough, BLIS from 521
lactic acid production in *Tetragenococcus* spp. 1215
Lactobacillus spp.
beer-spoilage, characterization/detection of 677
canine-derived, anti-pathogenic activity of 552
L. acidophilus bacteriocin production 1082
L. brevis ABBC45^{c}, non-spoilage variant 946
L. brevis resistance to hop analogue acids 1324
L. delbrueckii subsp. *bulgaricus* phages 340
L. paracasei aminotransferase 593
L. pentosus/*L. sanfranciscensis* in sourdough 521
L. plantarum
C11 gene expression 819
and citrulline production 185
nuclease secretion 367
PCR-ribotyping identification of probiotic strains 777
probiotics
spray-dried, survival of 1024
viability improvement of 1205
thermophilic, peptidase activity in 223
Lactococcus lactis
immunity of SpaA against *E. rhusiopathiae* 1347
in sourdough, BLIS from 521
starter strain variability 144
LAE cellular effects on *S. aureus* and *S. typhimurium* 903
LamB-like adhesin of *A. veronii* 700
landfarming for creosote contaminated soil 510
leucine catabolism by *S. xylosus* 1185
levan production and *Z. mobilis sacC* disruption 671
linear alkylbenzenesulphonate (LAS) degradation 630

lipase production in *Y. lipolytica* 742
lipopeptides from *B. subtilis* controlling *Botyris cinerea* 1151
lipopolysaccharide, R3-core, in *E. coli* pathotypes 982
Listeria monocytogenes
in cold-smoked salmon
effects of high-pressure processing 398
inhibition by *C. piscicola* bacteriocin 133
modelling growth 96
in cooked sliced meats/paté 499
divercin V41, inhibitory effects of 931
inhibition by *Carnobacterium piscicola* bacteriocin 133
strain diversity in Iceland sheep farms 913

Mannheimia haemolytica, temperature and viability of 154
manure and bacteria in organic lettuce 787
matric potential effects on *Aspergillus* spp. 965
metallic oxide powders, antifungal activity of 803
metallo-elastase from *A. hydrophila* EO63 994
methionine catabolism by *O. oeni* 1177
2-methyl-4-chlorophenoxyacetic acid adaptation in yeast 603
4-methylumbelliferyl-β-D-glucoside hydrolysis by *Bacillus* spores 1245
microarrays
E. coli O157:H7 detection in food 419
molecular signatures for infection diagnosis 18
serodiagnosis of infection 10
species differentiation/antibiotic susceptibility testing 58
microbial characterization of African fermented millet 384
microbial examination of cold sliced meats and paté 499
microbial succession in mozzarella cheese 263
milk
acidification and urease activity of *S. thermophilus* 209
samples for PCR 1342
Mn-superoxide dismutase from *A. hydrophila* 828
modelling growth of *Listeria monocytogenes* in cold-smoked salmon 96
modelling spread of brain tissue in slaughtered cattle 437
molasses spent wash, bioremediation of 1278
molecular beacons, *E. coli* O157:H7 detection in food 419
molecular epidemiology study of RAPD-based typing scheme 447
molecular marker of *Peronospora parasitica* 579
molecular signatures for diagnosis of infection 18
monitoring, molecular, of *B. bassiana* biocontrol 861
monitoring of sewage/food waste degradation 641
monoacylglycerol production by *C. ishiwadae* 588
morphological properties of *Phellinus* spp. 1296
mouse model, human faecal flora-associated 656
mozzarella cheese, microbial succession in 263
mycelial growth, submerged culture requirements for 1105
Mycobacterium avium subsp. *paratuberculosis* growth media 149

NaCl combined inhibitory effects on *L. monocytogenes* 931
nematode parasite electrorotation 24
Neurospora crassa cfp promoter drives transgene expression 1256
nitrofurantoin activity against *Salmonella* 1002
nitrogen sources and lipase production 742
nonmotile bacteria characterization in freshwater fish spoilage 878
novel device for recovery of *Campylobacter* from water 664
nuclease secretion by *Lactobacillus* spp. 367
numerical data matrix fingerprinting of yeasts 1194

Oenococcus oeni, methionine catabolism by 1177
Oncorhynchus mykiss microbiota, molecular analysis of 117
organic lettuce, bacterial contamination of, from manure 787
osmotic potential effects on *Aspergillus* spp. 965
oxidation–reduction regulation of RpoS 271
Oxone killing *B. subtilis* spores 289
oxygen, effects of, on *E. coli* survival in drinking water 938
ozone, aqueous, and *B. subtilis* spores 1133

parasite analysis by electrorotation 24
Parvibaculum lavamentivorans in LAS degradation 630
paté, microbial examination of 499
pathogen chips in infection diagnosis 18
PCB biodegradation 430
PCR
detection methods for *E. coli* O157:H7 419
detection of *S. aureus* in cheese 1090
diagnostic, mandatory amplification control of 221
length heterogeneity, in whey starter evaluation 481
milk sample preparation 1342
multiplex, for *S. hyicus* toxins 1256
nested, for detection of *X. fastidiosa* 546
PCR– DGGE analysis of microbial succession in mozzarella cheese 263
RAPD analysis of *T. maritimum* 871
real-time, detection of *E.coli* in minced beef by 1013
REP/ERIC in acetic acid bacteria differentiation 853
and ribotyping of *Lactobacillus* spp. 777
Pediococcus inopinatus resistance to hop analogue acids 1324
peptidase activity in thermophilic lactobacilli 223
periplasmic Mn-superoxide dismutase from *A. hydrophila* 828
Peronospora parasitica, molecular marker of 579
pH dependence of *Trichoderma* strains 491

pH, intracellular, and yeast adaptation to MCPA 603
Phellinus spp. morphological/rheological properties 1296
phenol combined inhibitory effects on *L. monocytogenes* 931
phenotypic properties/relatedness of *S. maltophilia* strains 1143
phosphoglucosidase action of *Bacillus* spores 1245
pigs in abattoir survey of *Salmonella* in Great Britain 750
plant growth-promoting rhizobacteria, screening of 473
potato blackleg bacteria, atypical 535
poultry feed preservative produced by *Calcarisporium* 352
poultry houses, steam/formaldehyde treatment of 613
prebiotics in survival of spray-dried probiotic lactobacilli 1024
probiotics
  canine-derived, anti-pathogenic activity of 552
  PCR-ribotyping identification of *Lactobacillus* spp. 777
  potential of African fermented millet 384
  rabbit-derived, characterization of 761
  spray-dried lactobacilli, survival of 1024
  viability improvement of lactobacilli/bifidobacteria 1205
proteases from *A. hydrophila* EO63 994
protein chips in infection diagnosis 18
protein production, recombinant, inorganic compounds and 194
α-proteobacteria in chlorinated drinking water 954
protoplast formation/regeneration in *S. rolfsii* 254
protozoan parasite electrorotation 24
Pseudomonas spp.
  P. aeruginosa
    EDTA potentiation of antimicrobials 244
    emulsion spoilage screening method 1124
    in mixed species biofilms 455
  P. fluorescens marking spread of brain tissue in slaughtered cattle 437
  P. fragi spoilage of freshwater fish 878
Psychrobacter spoilage of freshwater fish 878
pulsed-field gel electrophoresis
  C. jejuni typing 834
  L. monocytogenes strain diversity in sheep 913

quinolone resistance in *C. jejuni* 1024, 1040
quorum-sensing system exploitation in *B. subtilis* 569

R3 LPS-core in *E. coli* pathotypes 982
Rap-Phr quorum-sensing system exploitation 569
RAPD analysis of *T. maritimum* 871
RAPD-based typing in *V. cholerae* epidemiology study 447
rapid enumeration of *E. coli* by impedence 894
rapid evaluation of emulsion spoilage 1124
rapid filtration of milk for PCR 1342
raw milk cheese, *S. aureus* detection in 1090
recombinant protein production, inorganic compounds and 194
redox regulation of RpoS in *Salmonella* Typhimurium 271
reptile faeces, *Salmonella* spp. isolated from 709
resistance of lactic acid bacteria to hop analogue acids 1324
rheological properties of *Phellinus* spp. 1296
rhizobacteria, plant growth-promoting, screening of 473
Rhizoctonia solani biocontrol by yeasts 69
Rhizopus stolonifer spore survival after exposure to ethanol/heat 1354
Rhodotorula glutinis in biocontrol of *Rhizoctonia solani* 69
β-ribosidase substrates, chromogenic 170
ribotyping
  L. monocytogenes strain diversity in sheep 913
  PCR-associated, of *Lactobacillus* spp. 777
risk assessment of *B. bassiana* biocontrol 861
rRNA probe for FISH analysis of *C. parvum* viability 409

Saccharomyces cerevisiae
  adaptation to MCPA 603
  heat shock response 1271
  loss of flocculation in 1117
  South American, characterization of 1161
  from spontaneous fermentation, genetic segregation of 1169
Salmonella spp.
  national abattoir survey of Great Britain 750
  reptile faeces, isolated from 709
  S. choleraesuis, (2e)-alkenals against 693
  S. enterica stress resistance 887
  S. serotype Dublin diagnostic test evaluation 311
  S. serotype Enteritidis, effects of nitrofurans on 1002
  S. serotype Typhimurium
    cellular effects of LAE 903
    redox regulation of RpoS in 271
  treatment of infected poultry houses 613
Sclerotium rolfsii ATCC 201126 protoplasts 254
segmented filamentous bacteria-associated mouse model 656
segregation, genetic, in wine yeasts 1169
selective isolation of *S. violaceusniger* cluster 973
serine alkaline protease production, inorganic compounds and 194
serine caseinase from *A. hydrophila* EO63 994
serodiagnosis of infection with microarrays 10
serotyping of *L. monocytogenes* strains in sheep 913
sewage sludge
  enterococci and faecal coliforms in 279
  enumeration of E. coli in 375
  monitoring of degradation 641

Yersinia spp. isolated from 1230
sheep
in abattoir survey of *Salmonella* in Great Britain 750
Listeria monocytogenes strain diversity in 913
shellfish, enumeration of *E. coli* in 894
shipping fever pneumonia pathogen viability 154
soil remediation after creosote contamination 510
Sorbarod filters, mixed species biofilms on 455
sourdough lactic acid bacteria, BLIS from 521
SpaA-producing *L. lactis* as vaccine 1347
species differentiation by DNA microarray 58
spoilage
beer
characterization/detection of *Lactobacillus* spp. 677
non-spoilage variant of *L. brevis* 946
resistance to hop analogue acids 1324
cold-smoked salmon
effects of high-pressure processing 398
inhibition by *C. piscicola* bacteriocin 133
modelling micro-organism growth 96
emulsions, screening method for 1124
fish, nonmotile bacteria characterization in 878
spores
Bacillus spp.
B. anthracis in mail processing centre 1048
B. subtilis killing by aqueous ozone 1133
B. subtilis killing by Decon and Oxone 289
germination inhibition in 725
phosphoglucosidase action 1245
viability assessment of 684
survival after exposure to ethanol/heat 1354
Staphylococcus spp.
S. aureus
cellular effects of LAE 903
enterotoxigenic, in raw milk cheese 1090
S. hyicus toxins, multiplex PCR for 1256
S. intermedius enterotoxin-related gene 1361
S. xylosus in fermented meat products 1185
stargrass endophyte, feed preservative produced by 352
starter cultures, bacteriophage sensitivity in 144
steam treatment of *Salmonella*-infected layer houses 613
Stenotrophomonas maltophilia phenotypic properties/relatedness 1143
strain typing by DNA microarray 58
Streptococcus thermophilus, urease genes cluster of 209
Streptomyces violaceusniger cluster, selective isolation of 973
stress and benzalkonium chloride resistance in *E. coli* 201
stress resistance *S. enterica* serovars 887
stress susceptibility in *V. parahaemolyticus* 359
submerged culture
morphological/rheological properties of *Phellinus* in 1296
requirements for mycelial growth of *C. jiangxiensis* 1105
sucrase gene disruption in *Z. mobilis* 671
survival of *Cryptosporidia* in environments relevant to foods/beverages 1222
survival of spores after exposure to ethanol/heat 1354

Talaromyces macrosporus ascospore germination 162
TCA cycle intermediates optimizing zeaxanthin production 623
temperature and *F. graminearum* control by essential oils 716
Tenacibaculum maritimum RAPD-PCR analysis 871
Tetragenococcus spp. lactic acid production 1215
thermal stress in *S. enterica* serovars 887
thermophilic bacilli, effect of cleaning regimes on 110
thermophilic lactobacilli, peptidase activity in 223
thermotolerant yeast in monoacylglycerol production 588
Thiomonas mediation of arsenic oxidation 1202
ToRCH antigen microarrays, serodiagnosis with 10
total internal reflection fluorescence (TIRF) 47
toxins, exfoliative, in *S. hyicus* 1256
transgene expression driven by *N. crassa cfp* promoter 1256
2,4,6-tribromophenol degradation by chalk-adhered bacteria 844
Trichoderma spp.
T. pseudokoingii S-38 endoglucanase production 772
water activity/pH dependence 491
Trichosporon asahii in biocontrol of *Rhizoctonia solani* 69

urease genes cluster of *Streptococcus thermophilus* 209

viability
analysis of *C. parvum* by FISH 409
of lactobacilli/bifidobacteria, improvement of 1205
of lactobacilli spray-dried with prebiotics 1024
of *Mannheimia haemolytica* 154
viable but nonculturable (VBNC) state in *V. parahaemolyticus* 359
Vibrio spp.
V. cholerae O1 RAPD-based typing scheme 447
V.parahaemolyticus, induction of VBNC state in 359
virulence of *Yersinia* spp.isolated from water/sewage 1230
volatile sulphur compounds from *O. oeni* 1177

water
drinking
cytotoxic *Bacillus* spp. from 987
oxygen and faecal indicator survival 938
phylogenetic diversity 954

faecal contamination/inactivation of indicator bacteria in 464
municipal supply, bacterial population in 560
novel device for recovery of *Campylobacter* 664
recreational coastal, *E.coli* survival in 922
Yersinia spp. isolated from 1230
water activity
dependence of *Trichoderma* strains 491
and *F. graminearum* control by essential oils 716
wheat improvement with PGPR 473
whey starter evaluation by LH-PCR 481
wine bacilli and citrulline production 185
wine fermentation
acetic acid bacteria population in 853
lactic acid bacteria metabolizing methionine 1177
wine yeasts
monoculture practices and biodiversity 76
Patagonian, glycosidase activities in 84
South American, characterization of 1161
from spontaneous fermentation, genetic segregation of 1169
Xylella fastidiosa detection by nested-PCR assay 546

Yarrowia lipolytica lipase production 742
yeasts
adaptation to MCPA 603
fingerprinting based on killer toxin sensitivity 1194
NewFlo phenotype, loss of flocculation in 1117
suppressing Rhizoctonia solani 76
thermotolerant, in monoacylglycerol production 588
wine-making*see* wine yeasts
Yersinia spp. isolated from sewage/water 1230

zearalenone production by *F. graminearum* 716
zeaxanthin production by *F. multivorum* 623
Zymomonas mobilis sucrase gene (*sacC*) disruption 671